



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Reid W. von Borstel, et al

Atty. Ref.: 1331-143

Serial No. 08/463,740

TC/A.U.: 1623

Filed: June 5, 1995

Examiner: Owens, H.

For: PYRIMIDINE NUCLEOTIDE PRECURSORS FOR TREATMENT OF
SYSTEMIC INFLAMMATION AND INFLAMMATORY HEPATITIS

* * * * *

May 6, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449. Copies are attached. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

In the PTO 1449 which accompanied the IDS filed September 12, 1995, the references to "80/03837" and "80/03838" should have read "89/03837" and "89/03838". Attached is a corrected PTO 1449 showing those corrections. Copies of those two references are also attached. It is requested that the attached corrected PTO 1449 be substituted for the PTO 1449 attached to the IDS dated September 12, 1995.

The Examiner is requested to initial the attached PTO-1449 forms and to return a copy of the initialed documents to the undersigned as an indication that the listed references have been considered and made of record.

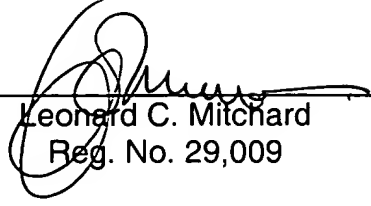
The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information referenced in the new attached PTO 1449 was first cited in a communication from a foreign patent office in a counterpart foreign application (Australia) not more than three months prior to the filing of this Information Disclosure Statement.

Reid W. von Borstel, et al
Serial No. 08/463,740

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____


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INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

SERIAL NO.

1331-143

08/463,740

APPLICANT

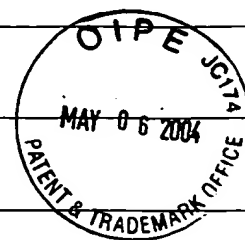
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FILING DATE

TC/A.U.

June 5, 1995

1623



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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

POWER OF ATTORNEY DOCUMENTS							TRANSLATION	
DOCUMENT			DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		EP 339075 B1	11/1989	EP				
		EP 355131 B1	02/1990	EP				
		AU 22544/92	01/1993	AU				ABST.
		AU 27226/88	05/1989	AU				ABST.

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

[illegible]

*Examiner

Date Considered

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Reid W. von Borstel, et al

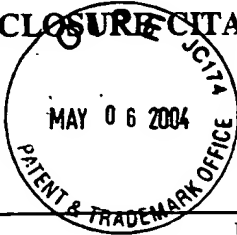
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,613,604	9/86	CHU et al			

FOREIGN PATENT DOCUMENTS

							TRANSLATION	
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
WO89/03837	5/89	PCT			X			
WO89/03838	5/89	PCT			X			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	Aderka et al, "Med Hypotheses", (1988), 27:193-6
	Arai M. et al, "Hepatology" (1989) 9:846-851
	Bowers et al., "J. Surg. Res." (1989) 47:183-8
	Cerra et al, in "Molecular and Cellular Mechanisms of Septic Shock" 265-277, Alan R. Liss (1989)
	Clark et al, "Am. J. Pathol." (1987), 129:192-9
	Echtenacher et al, "J. Immunol." 145:3762-3766 (1990)
	Engelhardt, R. et al, "Cancer. Res." (1991), 51:2524-30
	Farrar and Corwin, Ann. "N.Y. Acad. Sci." 133:668-684 (1966)
	Galanos et al, "PNAS", 76:5939-5943, (1979)
	Gut et al, "J. Infect. Disease." (1984) 149:621
	Halacheva et al, "Toxicon" (1988), 26:571-576
	Havell, "J. Immunol." 139:4225-4231 (1987)
	Kang et al, "J. Histochem. Cytochem." (1988), 36:665-678
	Kilpatrick et al, "Metabolism" (1989) 38:73-7
	Kimura et al, "Cancer, Chemother, Pharmacol" (1987); 20:223-9
	Lomanto et al, "Anesth. Analg." (1972), 51:264-270
	Markley et al, "J. Trauma" 10:598-607, (1970)
	McClain CJ and Cohen DA, "Hepatology" (1989) 9:349-351
	Nolan JP, "Gastroenterology" 69:1346-1356 (1975)
	Nolan, JP, "Hepatology" (1989), 10:887-91
	Nolan JP and Leibowitz AI, "Gastroenterology" (1978), 75:445-9
	O'Sullivan, "Aust. N.Z. J. Med.", (1973) 3:417-422

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TRANSLATION

DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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Form PTO-FB-A820 (also PTO-1449)

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	TRADEMARK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,874,602	10/89	CALABRESI et al			
		3,868,451	2/75	STEIN et al			
		4,757,139	7/88	KAWAGUCHI et al			

FOREIGN PATENT DOCUMENTS

				TRANSLATION			
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
1 297 398	11/72	Great Britain			X		
60-174797	2/84	Japanese (Abstract)			X		
WO 89/03837	5/89	PCT			X		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

		- Martin et al., J. Pharm. Sci., V. 76, No. 2 (February 1987) p. 180-183 "Synthesis And Antiviral Activity of Various Esters of 9-[1,3-Dihydroxy-2-propoxy)methyl]guanine."
		- Casida et al, Biochemical Pharmacology, V. 15, (1966) p. 627-644 "3',5'-Diesters of 5-Fluoro-2'-Deoxyuridine and Thymidine: Hydrolysis by Esterases in Human, Mouse, and Insect Tissue."
		- Ensminger et al, Biochemical Pharmacology, V. 28 (1979) p. 1541-1545 "Thymidine 5'-O-Pivaloate: A Prodrug Derivative of Thymidine with Potential Applications in High-Dose Methotrexate Therapy."
		- Martin et al, Cancer Research, V. 42 (October 1982) p. 3964-3970 "High-Dose 5-Fluorouracil with Delayer Uridine 'Rescue' in Mice."

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Form PTO-FB-A820

(also PTO-1449)